

**FIG. 1A**

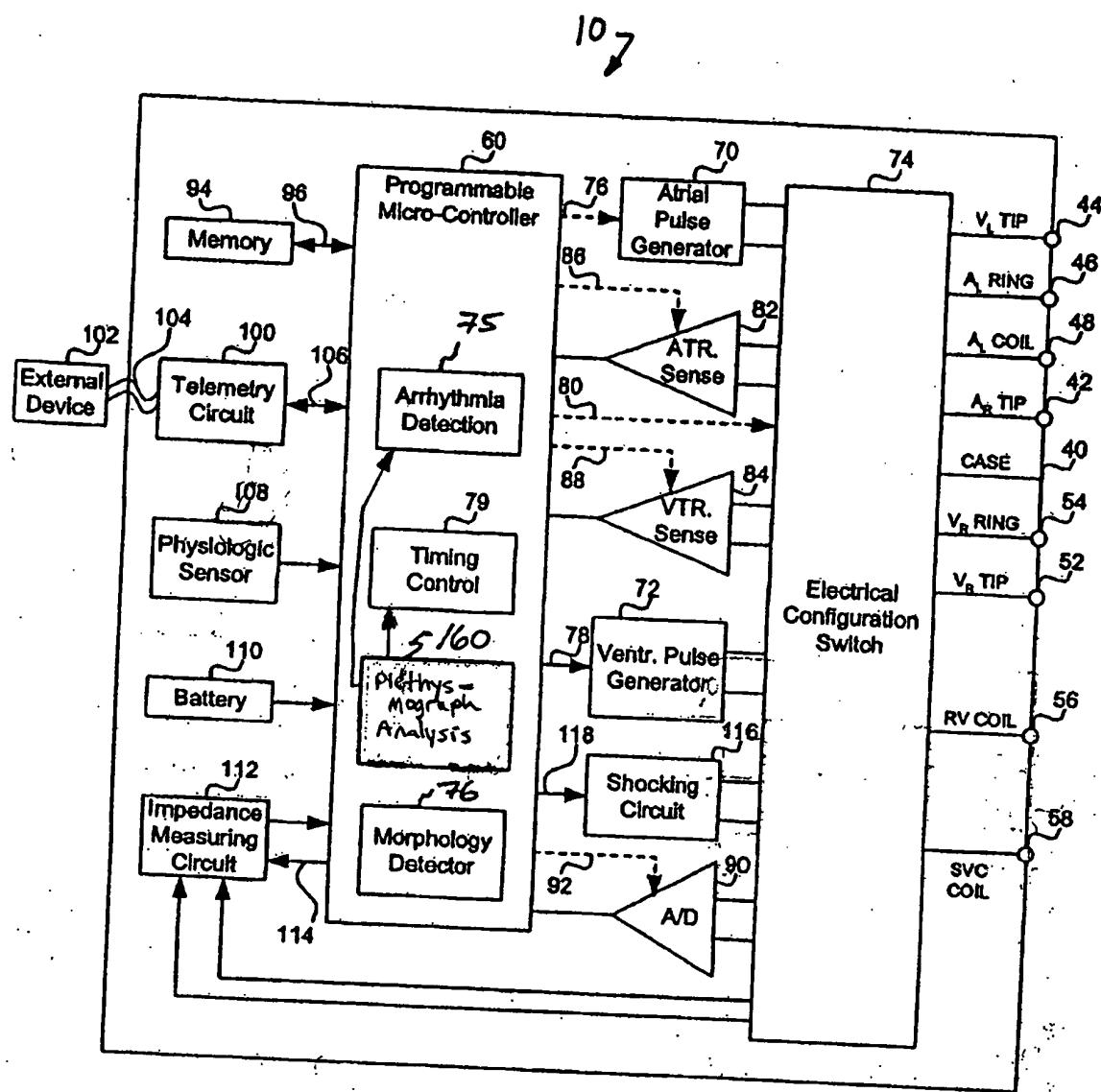


FIG. 1B

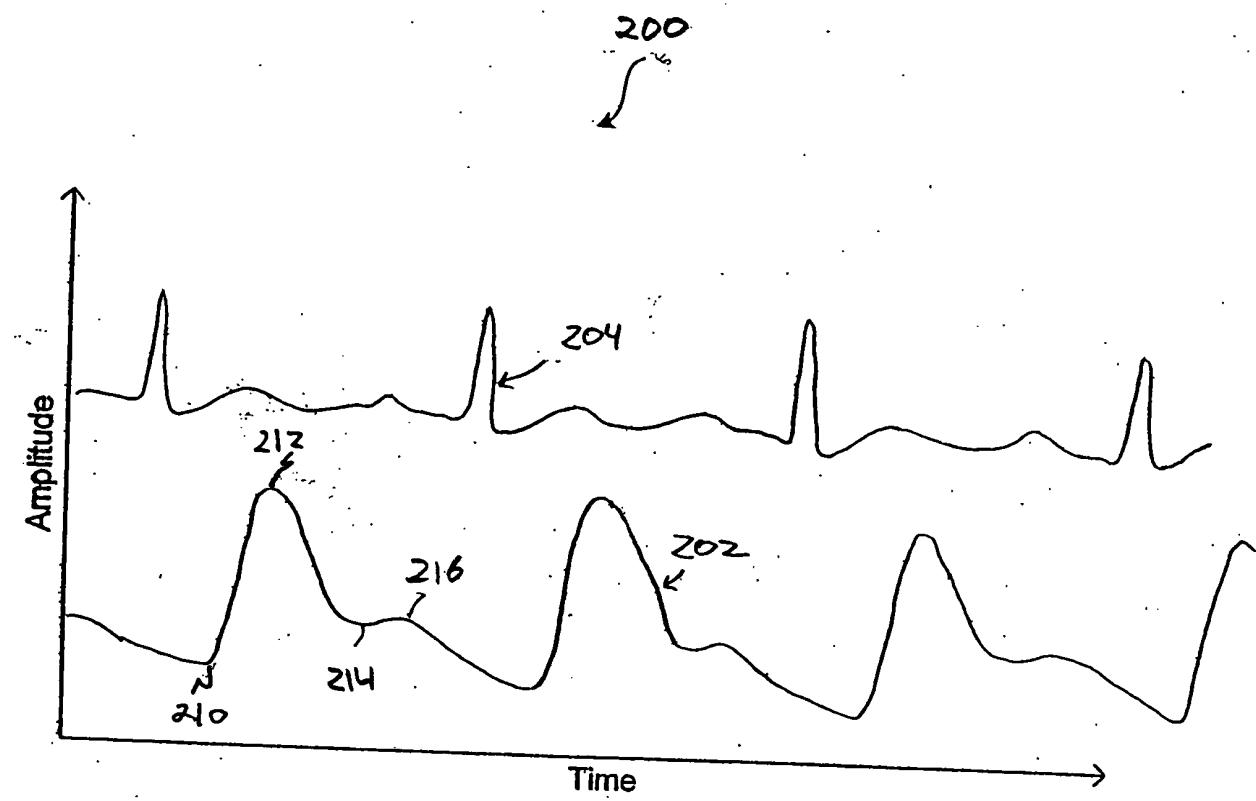


FIG. 2

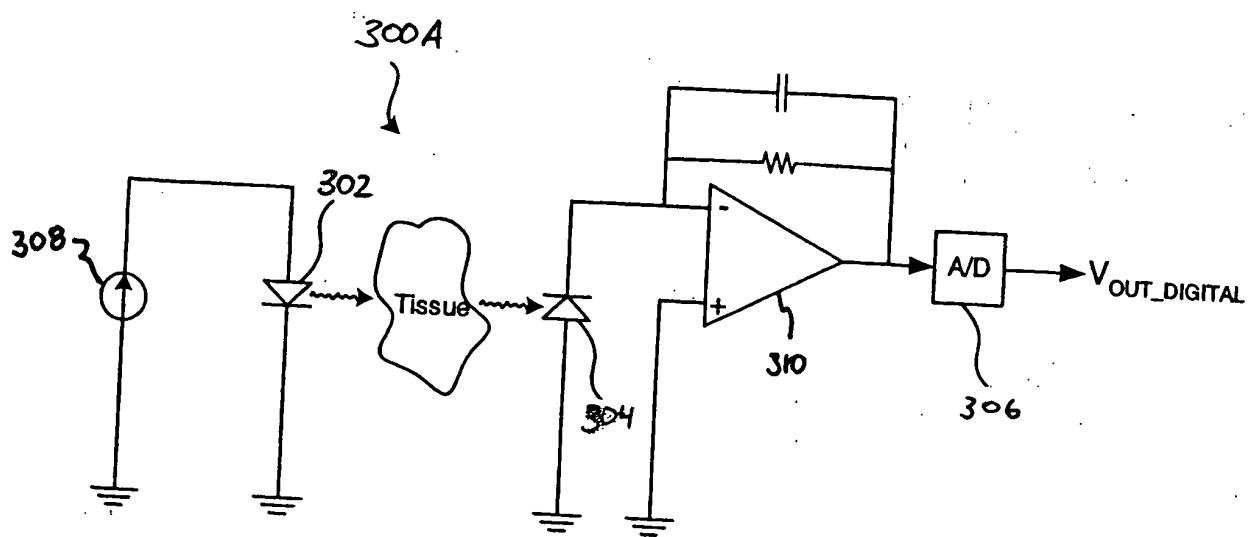


FIG. 3A

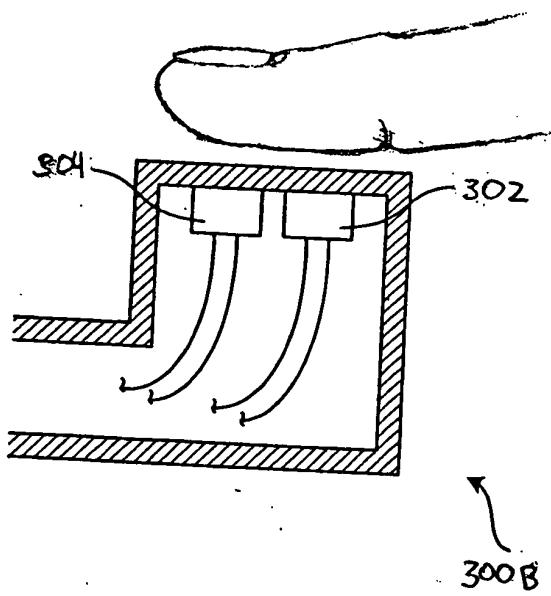
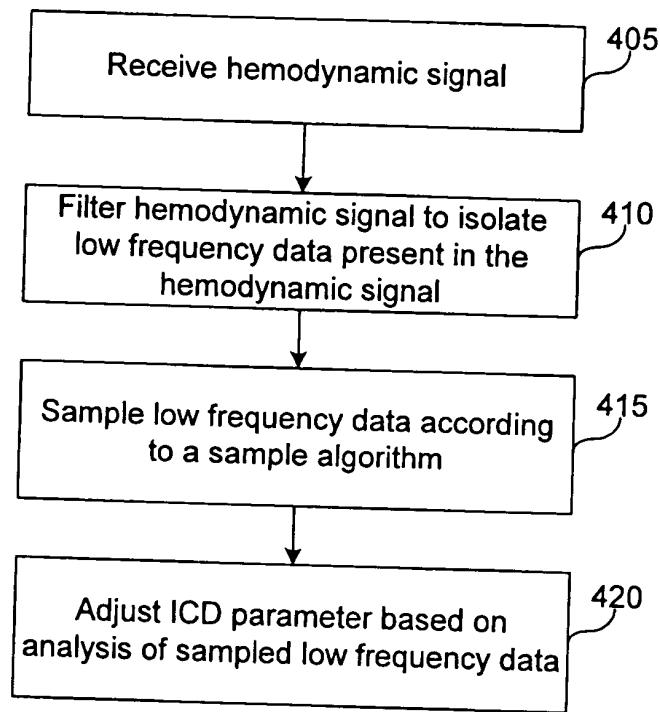
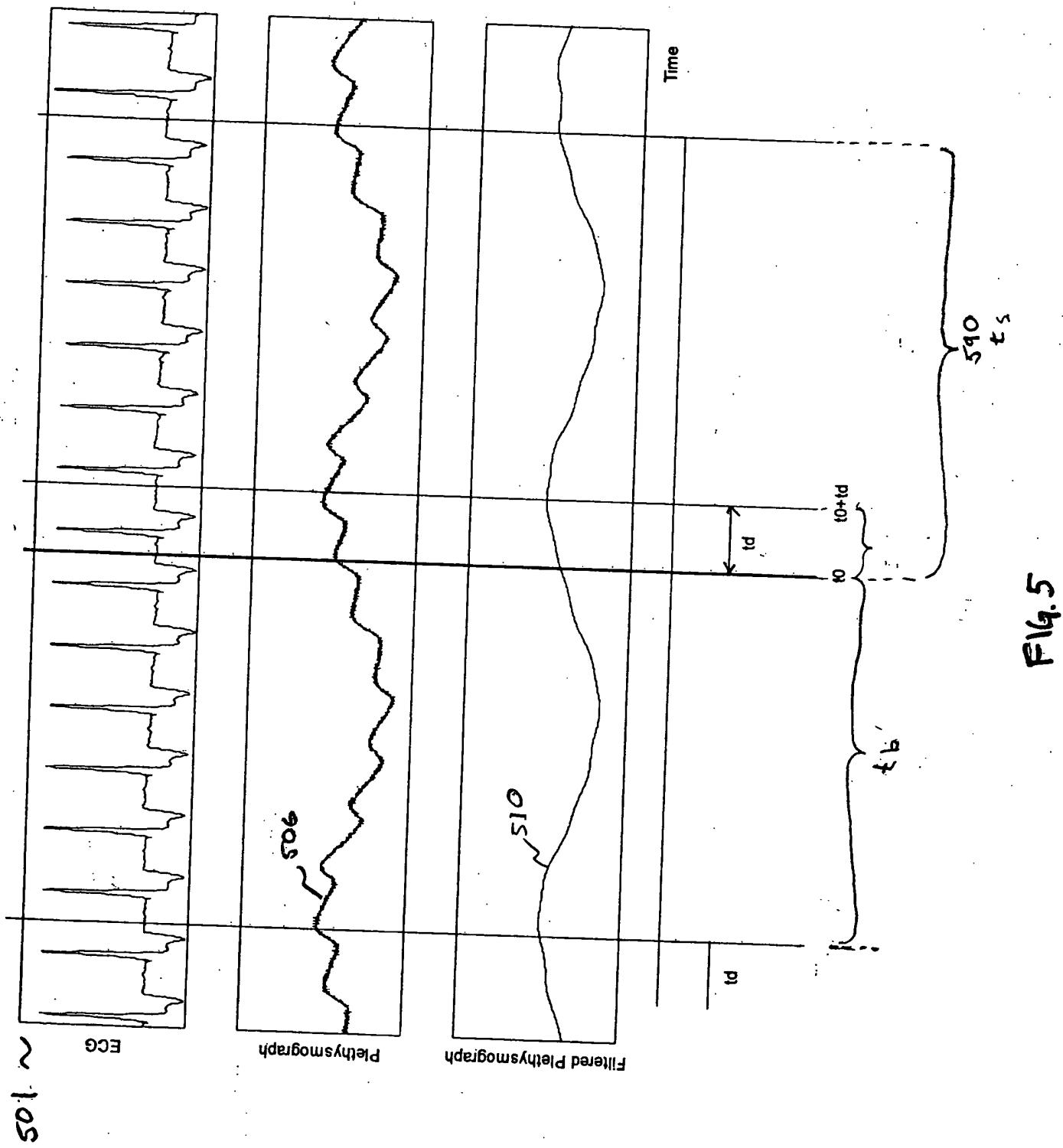


FIG. 3B



**FIG. 4**



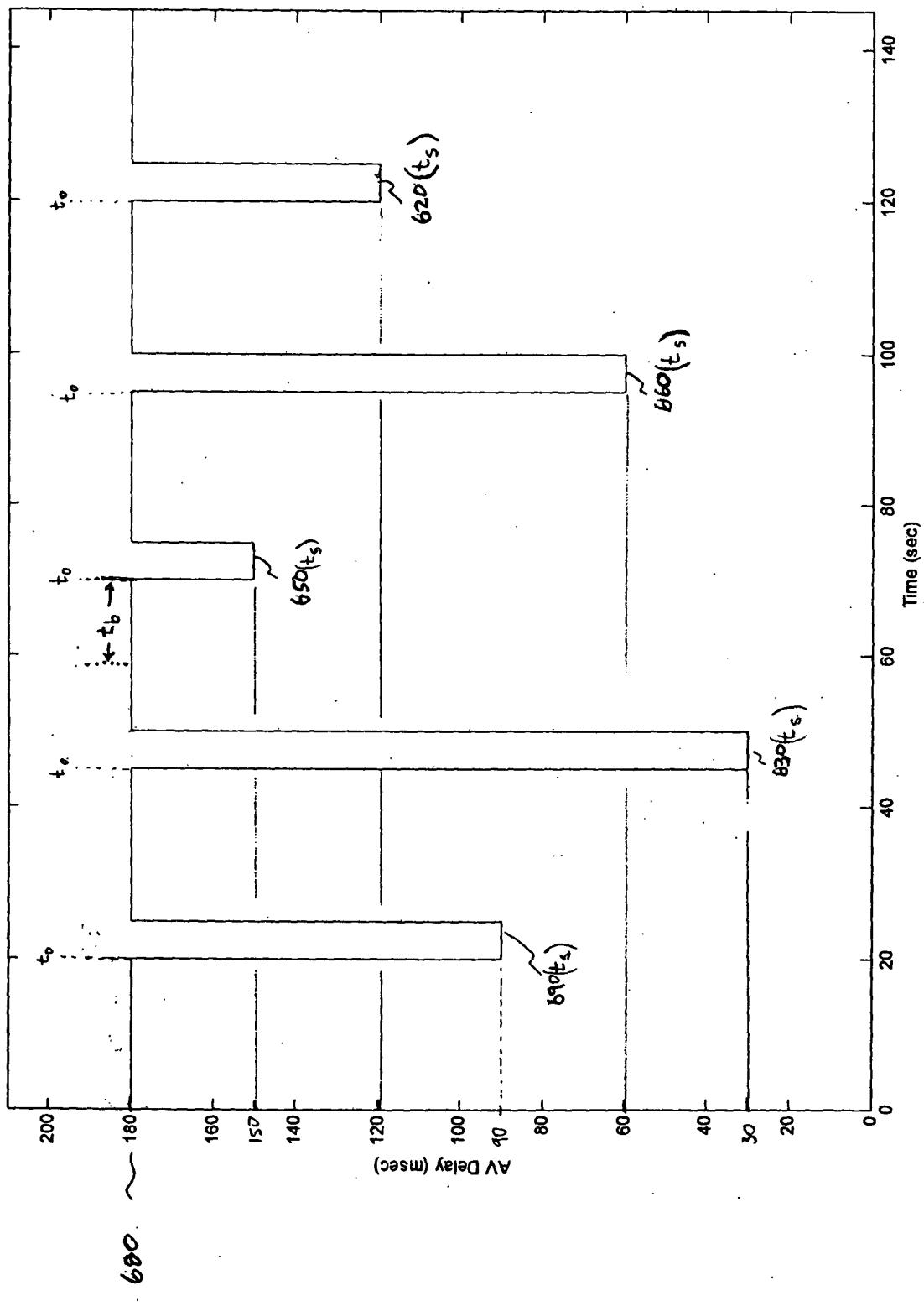
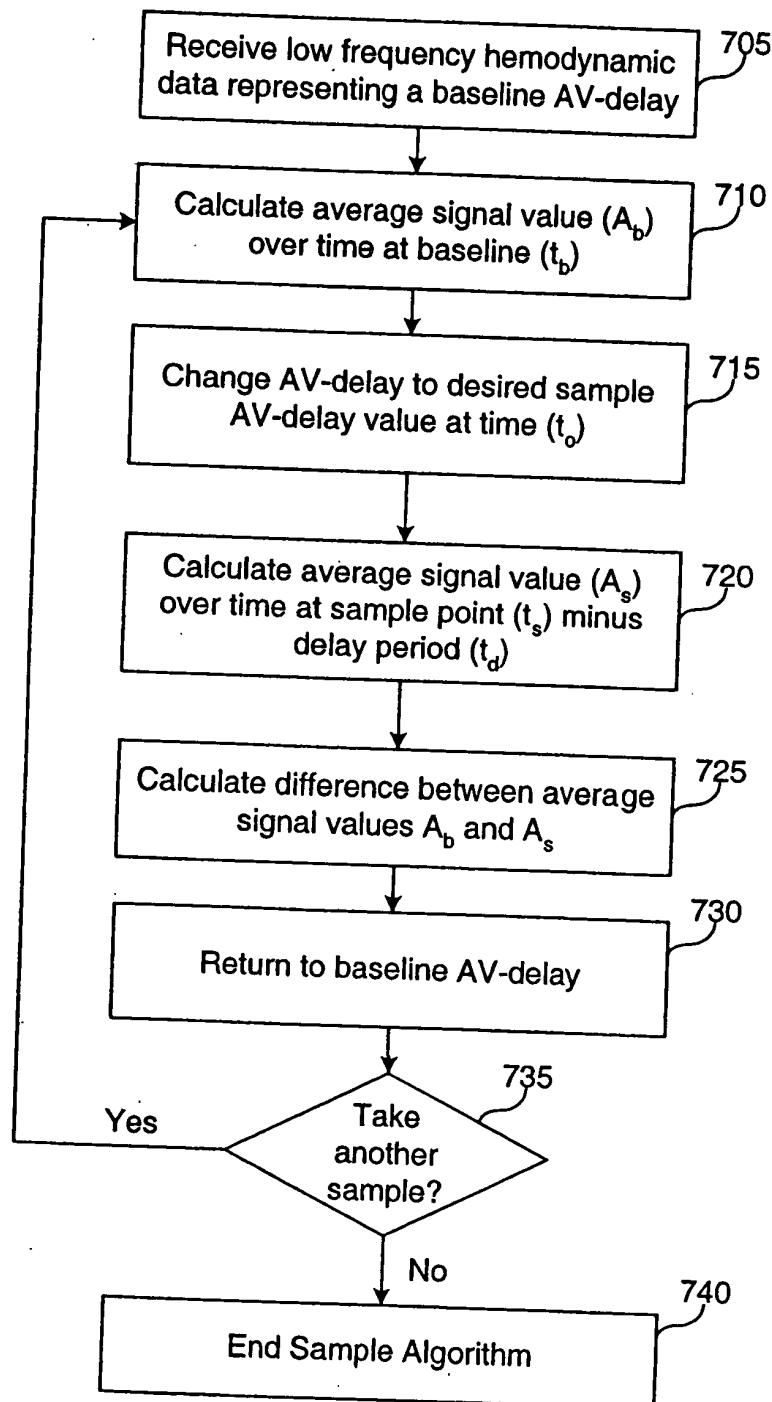


Fig. 6

**Sampling, Algorithm for AV-Delay  
Embodiment using Plethysmography**



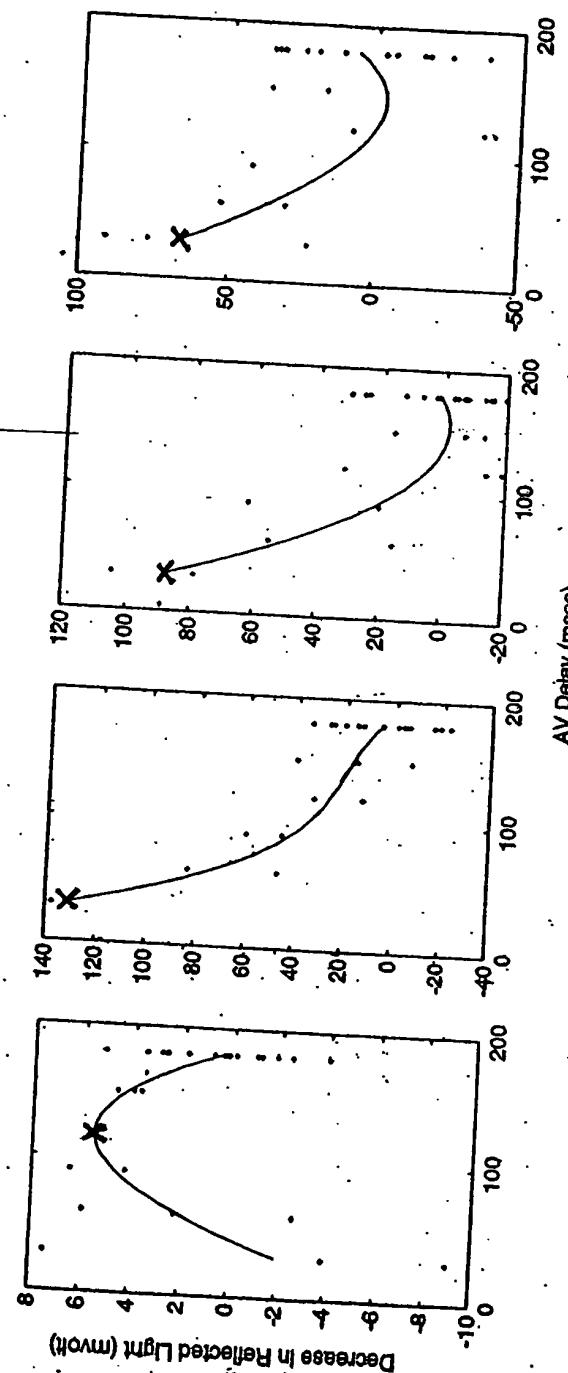
**FIG. 7**

Fig. 8

PULSE Amplitude Analysis

$$1 < f < 20 \text{ Hz}$$

PIETHYSMOGRAPHY



PRESSURE

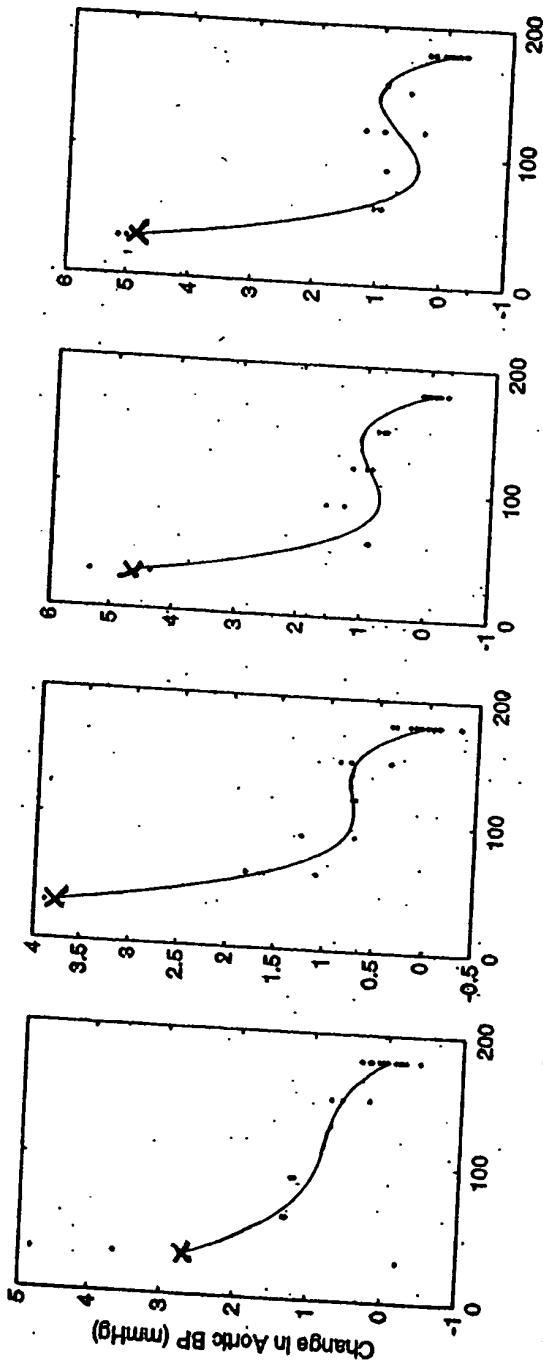


Fig. 9

Low FREQUENCY ANALYSIS

$f < 1 \text{ Hz}$

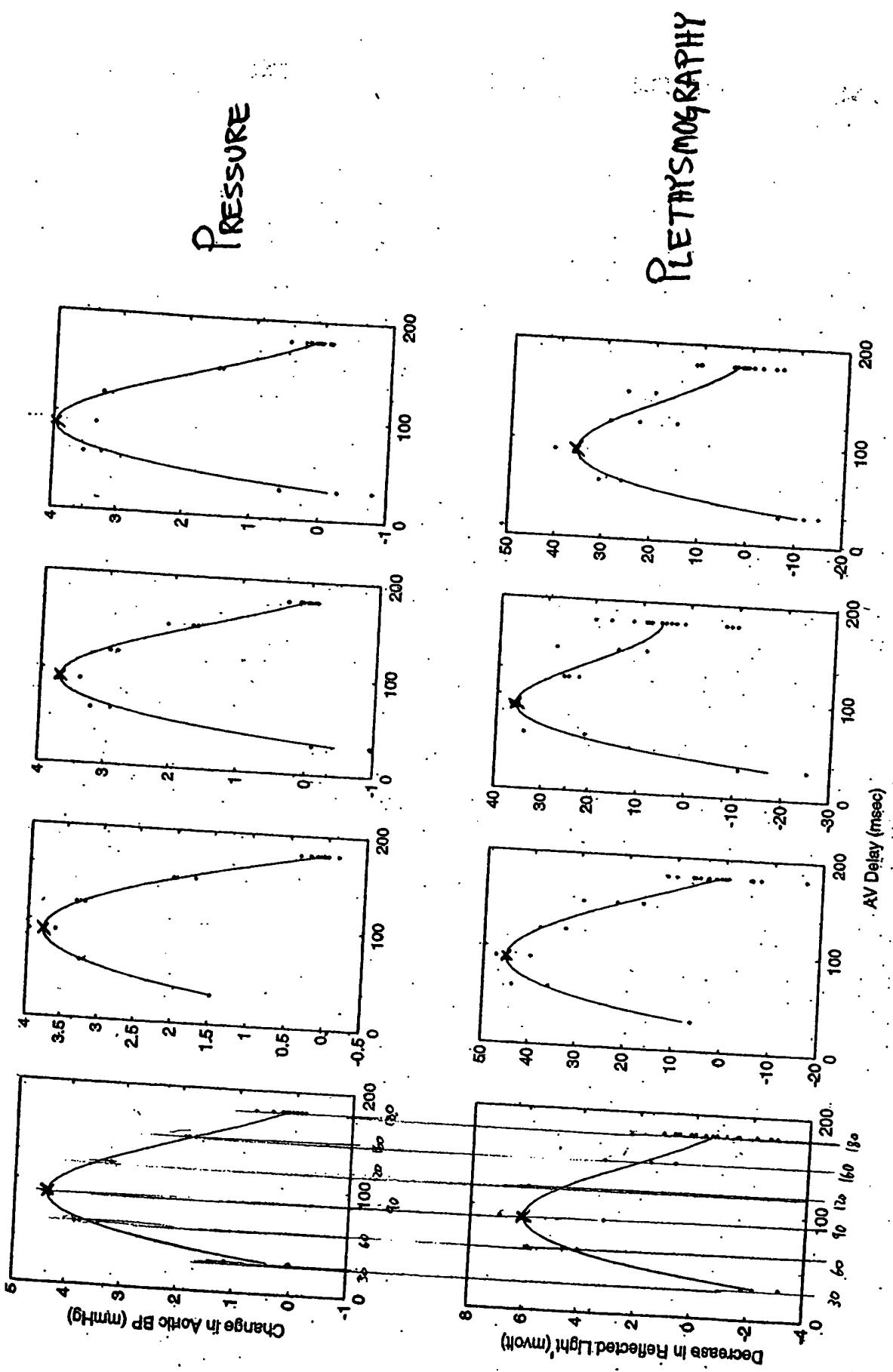


FIG. 10

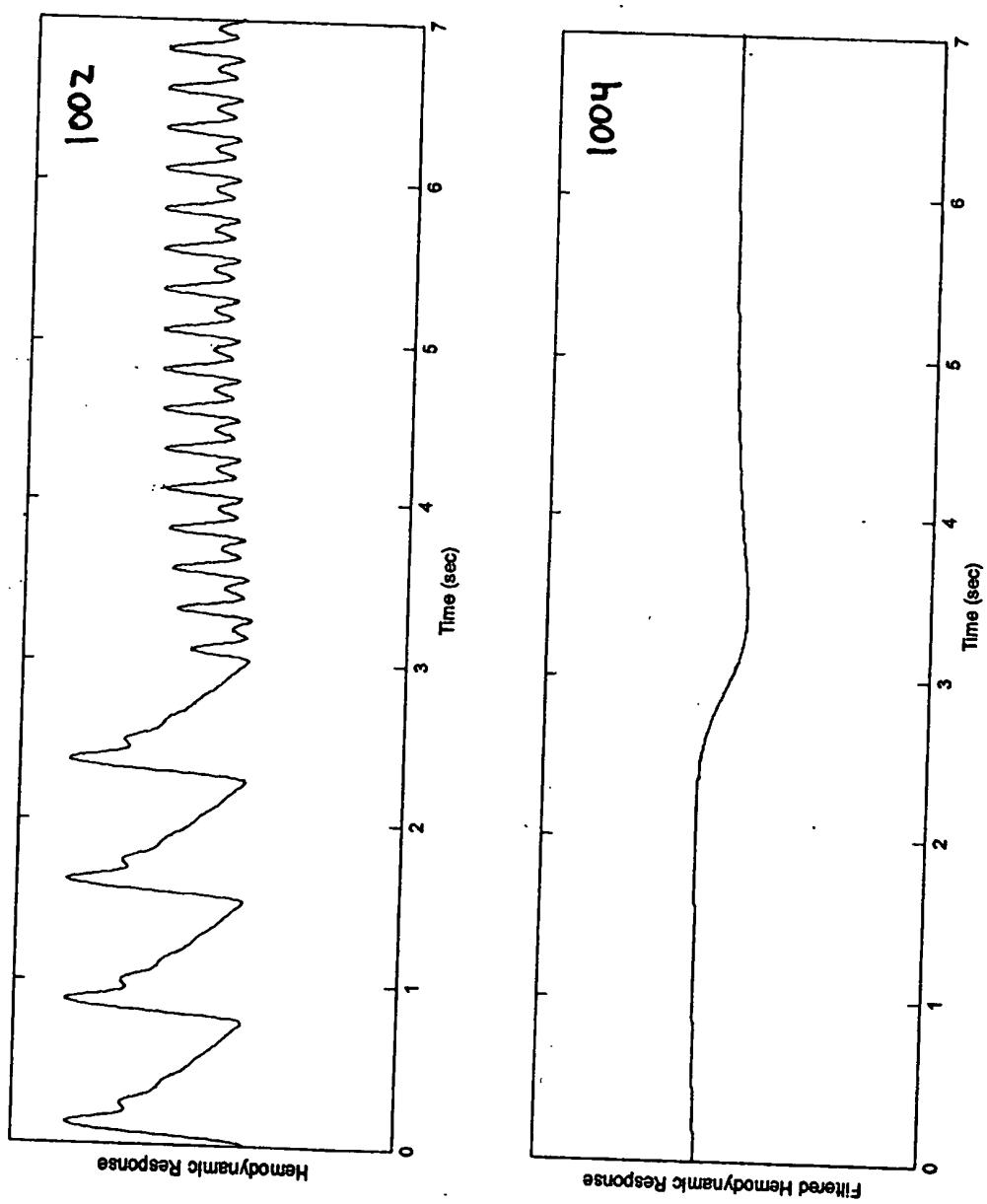
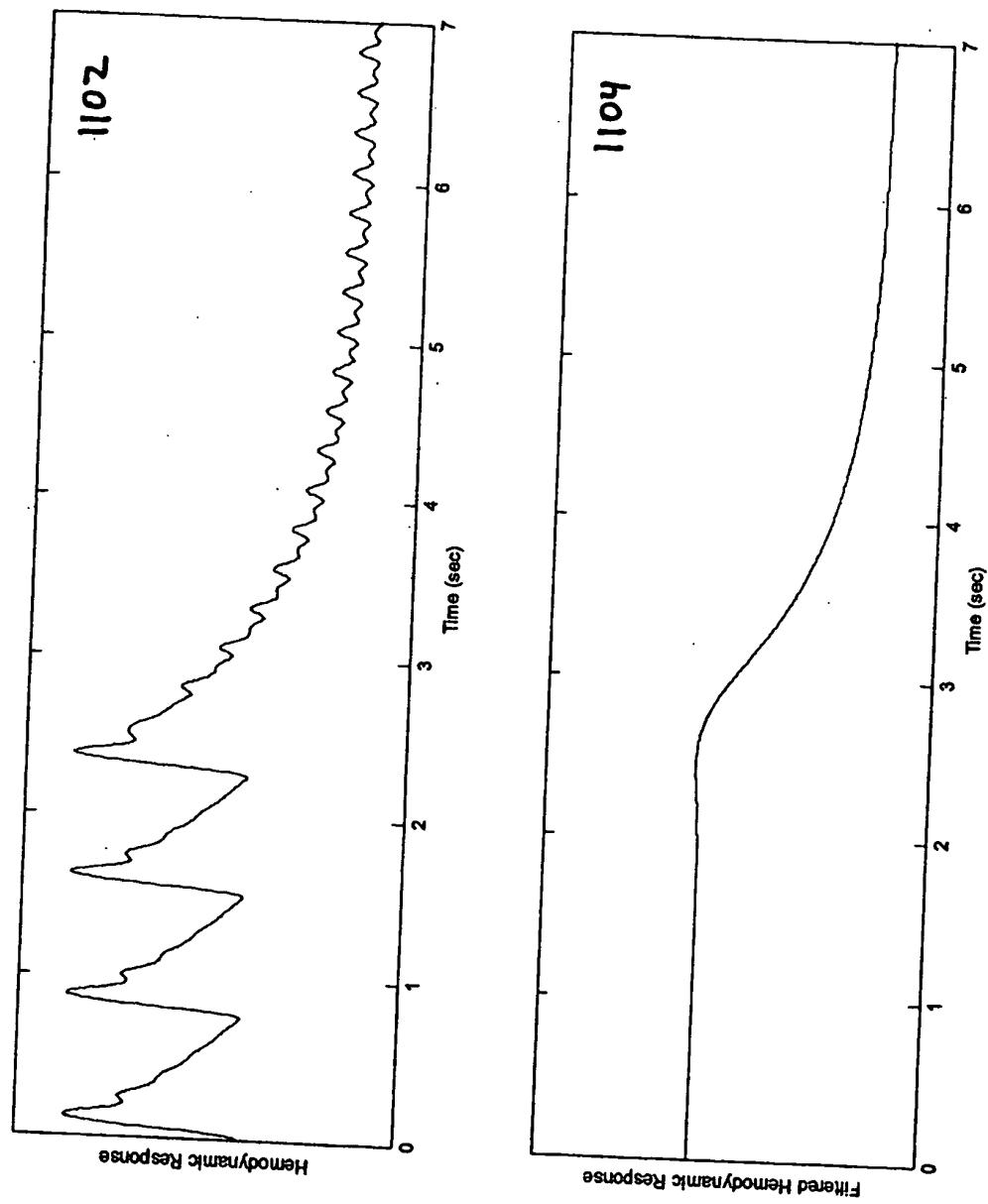


Fig. II



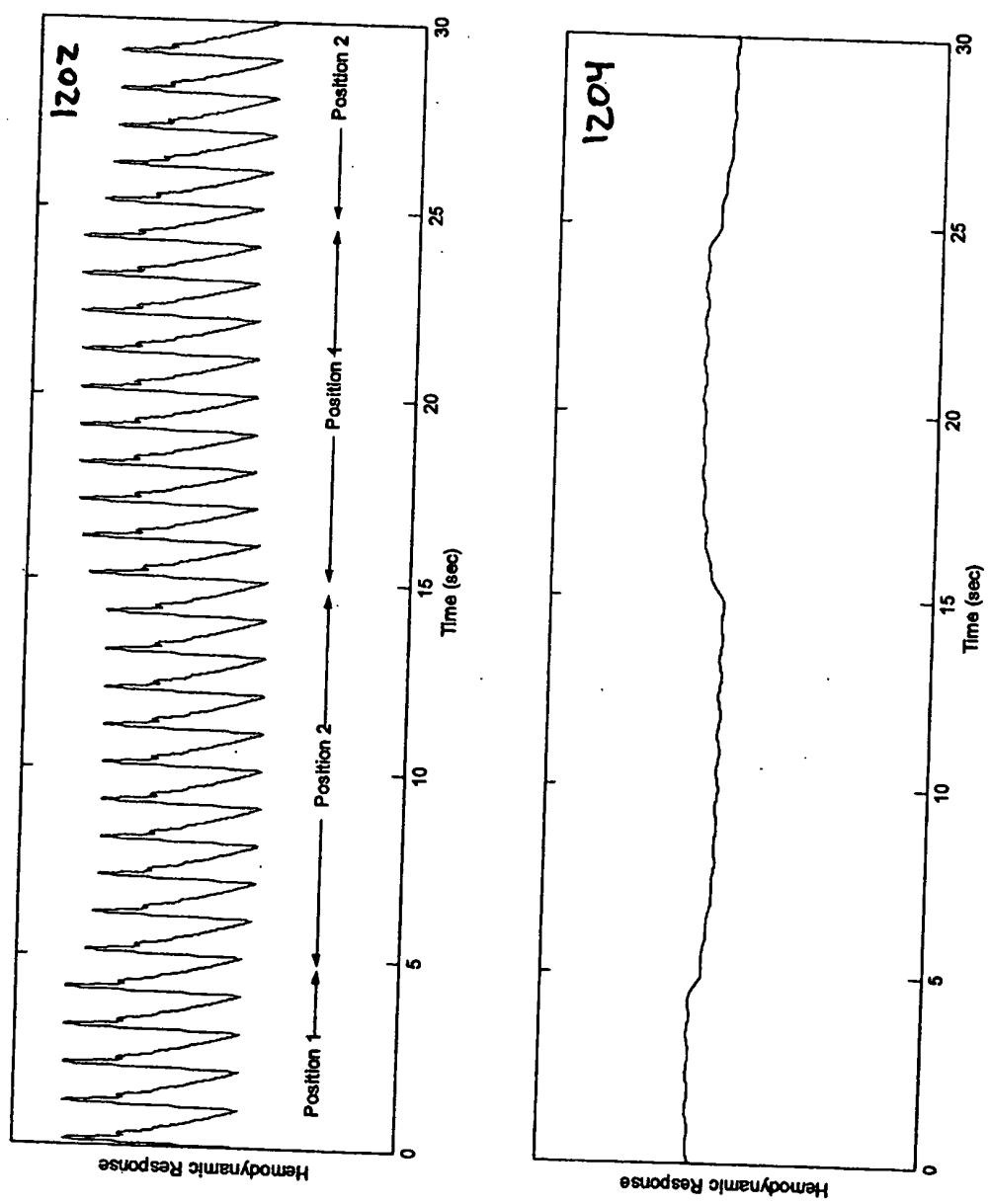
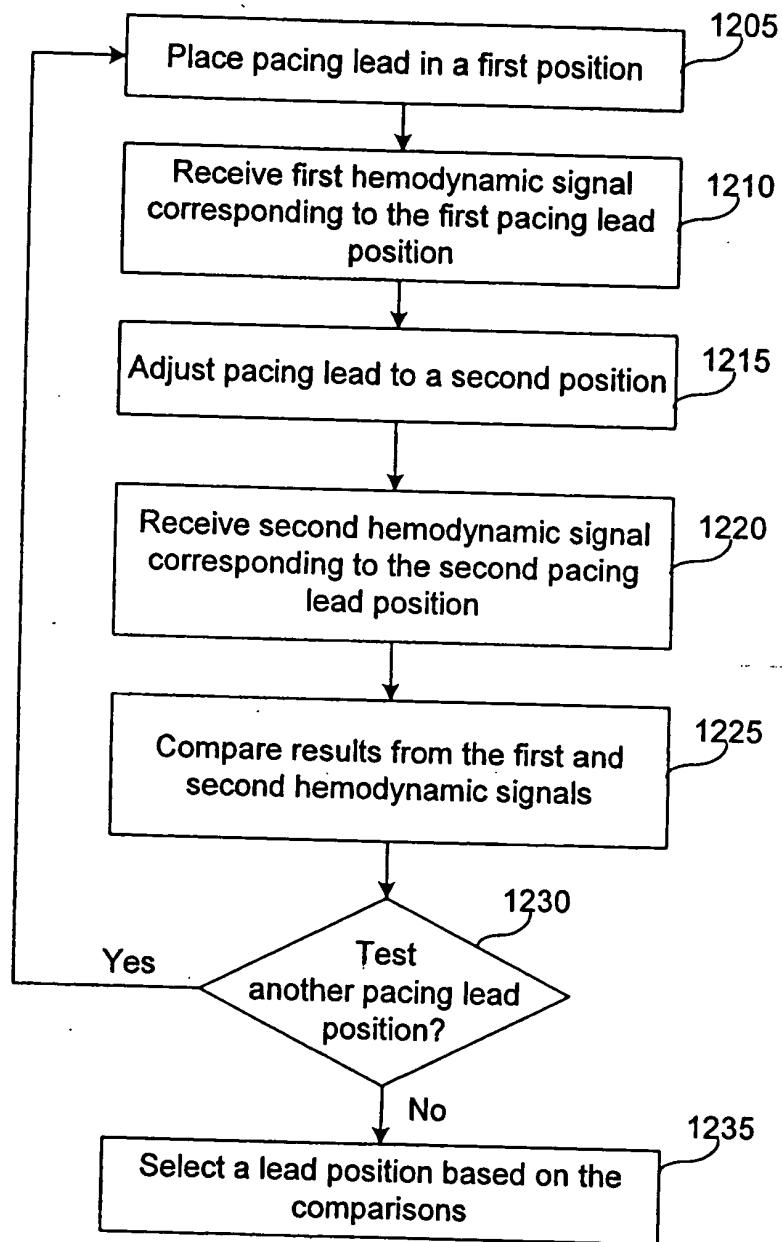


Fig. 12A



**FIG. 12B**

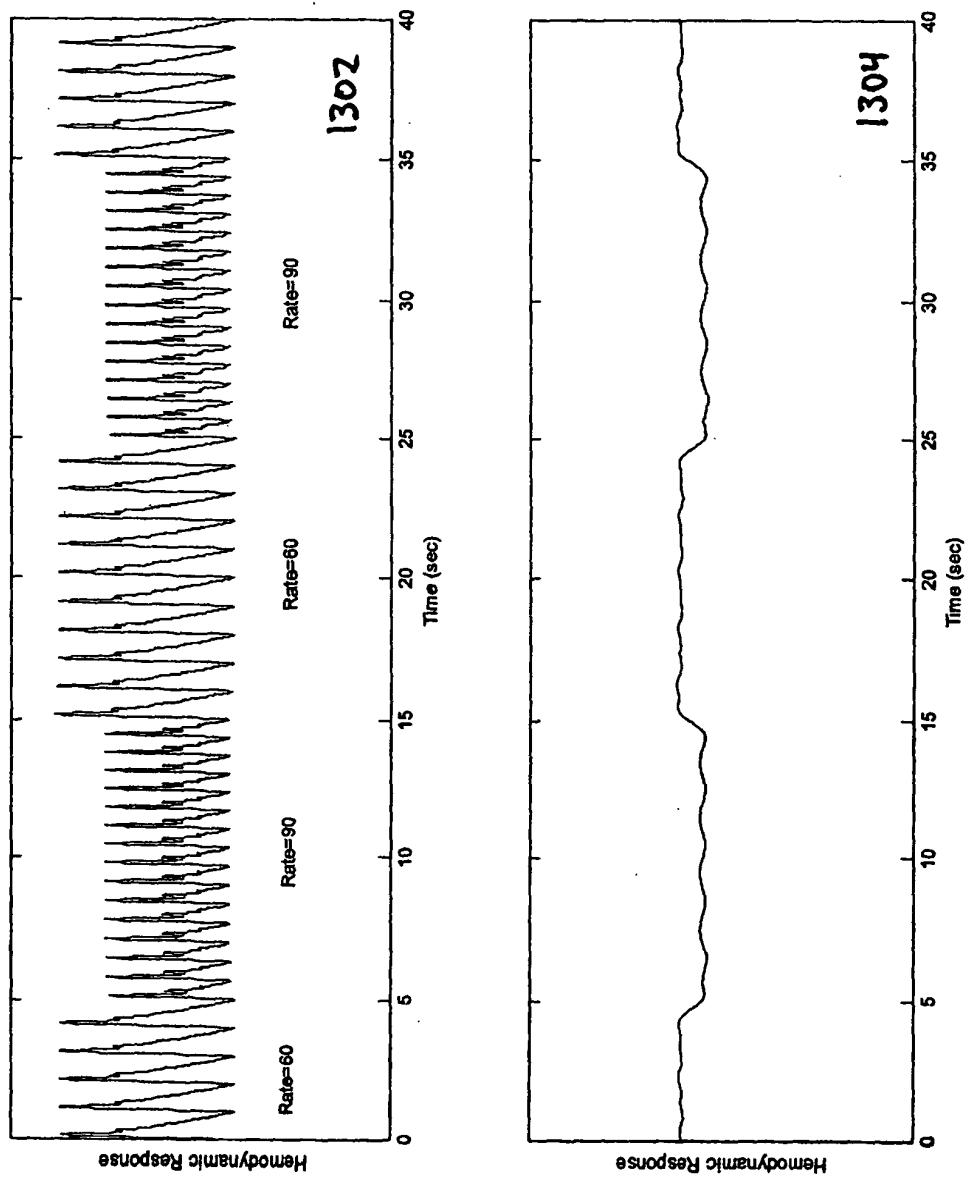
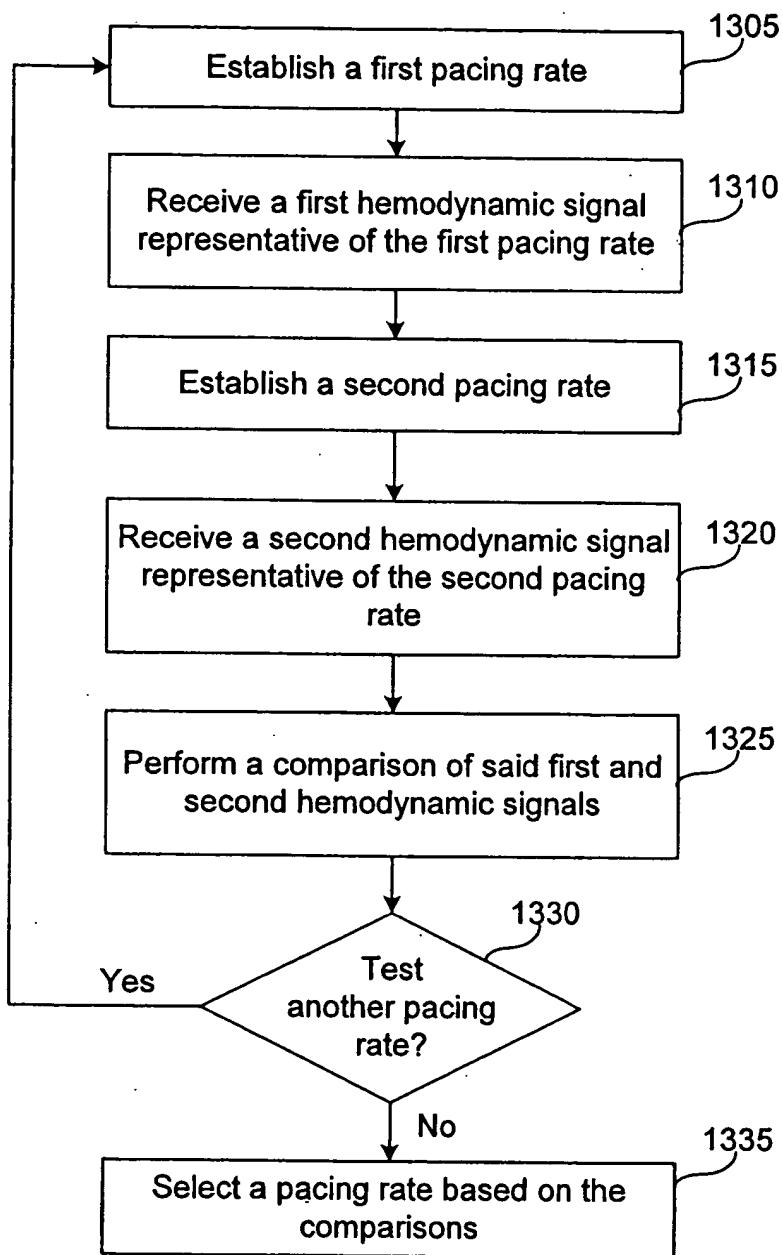


Fig. 13A



**FIG. 13B**